

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A microwave oven with an air flow passage, the microwave oven, comprising:

a cavity that accommodates food therein;

an electric component chamber disposed at a predetermined portion of the cavity  
for accommodating a plurality of electric components for radiation of microwave;

a suction hole formed at one sided portion of the cavity such that the cavity communicates with the electric component chamber;

an exhaust hole formed at the other sided portion of the cavity, through which air sucked through the suction hole is exhausted;

an exhaust guide covering an outer wall of the cavity where the exhaust hole is formed, that guides air exhausted through the exhaust hole to an outside of the microwave oven;  
and

a back plate having an exhaust passage hole communicating with one end of the exhaust guide, through which air is exhausted, wherein at least one of the suction hole and the exhaust hole is formed at an interval portion between a bottom plate of the cavity and a plate on which the food is loaded, and ~~wherein air sucked through the suction hole or exhausted through the exhaust hole flows below the food loaded on the plate~~ the air introduced through the suction

hole and exhausted through the exhaust hole flows below the food loaded on the plate by a fan for cooling the electric components.

2. (Canceled)

3. (Previously Presented) The microwave oven according to claim 1, wherein the exhaust guide forms a predetermined space at a portion between the exhaust guide and an outer surface of a sidewall of the cavity.

4. (Previously Presented) The microwave oven according to claim 1, wherein the exhaust guide has at least two portions that are different in width.

5. (Currently Amended) The microwave oven according to claim 1, wherein the exhaust guide comprises:

a guide portion having a width ~~of which that~~ is narrow such that the air exhausted through the exhaust hole is first concentrated; and

an exhaust portion having a width ~~of which that~~ is wider than ~~that of~~ the guide portion such that the air is exhausted to an outside, wherein the width of the exhaust guide is varied gradually from the guide portion to the exhaust portion.

6. (Previously Presented) The microwave oven according to claim 1, wherein the exhaust guide is separatable from the microwave oven and is fixed to an outer circumference of the cavity.
7. (Currently Amended) The microwave oven according to claim 1, further comprising:
  - a shaking preventing protrusion formed at a predetermined portion of an edge of the exhaust guide; and
  - a shaking preventing hole formed at an outer surface of the cavity, into which the shaking preventing protrusion is inserted.
8. (Previously Presented) The microwave oven according to claim 1, wherein the exhaust passage hole inclines downwardly toward the outside.
9. (Previously Presented) The microwave oven according to claim 1, further comprising a water permeation preventing portion formed at an upper portion of the exhaust passage hole, that prevents water from permeating into an inside of the microwave oven.
10. (Previously Presented) The microwave oven according to claim 1, wherein the exhaust guide is screwed to a sub-plate formed at a bottom of the cavity.

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11. (Previously Presented) The microwave oven according to claim 1, further comprising a stirrer fan disposed at a connection passage of the suction hole and the exhaust hole.

12. (Previously Presented) The microwave oven according to claim 1, wherein the suction hole and/or the exhaust hole are/is formed at a lower side portion of the cavity.

13. (Currently Amended) An air flow passage for a microwave oven, comprising:

- a cavity that accommodates foods therein;
- a plate disposed at a bottom of the cavity, and food is placed on the plate;
- a suction hole formed between the plate and the cavity, through which air of an electric component chamber is introduced;
- an exhaust hole through which air introduced through the suction hole is exhausted;
- an exhaust guide that guides air exhausted through the exhaust hole to an outside of the microwave oven; and
- a back plate having an exhaust passage hole that exhausts the air guided by the exhaust guide to an outside of the microwave oven, wherein air ~~sucked~~ introduced through the suction hole and exhausted through the exhaust hole flows below the food loaded on the plate, and the air introduced through the suction hole and exhausted through the exhaust hole flows

below the food loaded on the plate by a fan for cooling a plurality of electric components for radiating microwave into the electric chamber.

14. (Previously Presented) The air flow passage according to claim 13, wherein the exhaust guide is fixed by a fixing terminal and a fixing portion that protrudes from the exhaust guide, the fixing terminal being formed at one sided portion of a sub-plate that supports a lower surface of the cavity.

15. (Previously Presented) The air flow passage according to claim 13, further comprising:

a shaking preventing protrusion formed at a predetermined portion of an edge of the exhaust guide; and

a shaking preventing hole formed at an outer surface of the cavity, into which the shaking preventing protrusion is inserted.

16. (Previously Presented) The air flow passage according to claim 13, wherein the exhaust passage hole is formed penetrating the back plate.

17. (Previously Presented) The air flow passage according to claim 16, further comprising a water permeation preventing guide formed at an upper side of the exhaust passage hole.

18.-21. (Canceled)

22. (Currently Amended) A microwave oven, comprising:

a cavity that accommodates food therein;

an electric component chamber disposed adjacent a predetermined portion of the cavity;

at least one suction hole formed at one side portion of the cavity such that the cavity communicates with the electric component chamber;

at least one exhaust hole formed in another side portion of the cavity, through which air sucked through the suction hole is exhausted;

an exhaust guide that covers an outer wall of the cavity where the at least one exhaust hole is formed, that guides air exhausted through the at least one exhaust hole to an outside of the microwave oven; and

a back plate having at least one exhaust passage hole that communicates with one end of the exhaust guide, through which air is exhausted, wherein the exhaust guide comprises:

a first portion[[,]] having a width of which that is narrow such that the air exhausted through the at least one exhaust hole is first concentrated; and

a second portion[[,]] having a width of which that is wider than ~~that of the~~ first portion such that the air is exhausted to the outside through the at least one exhaust passage hole formed in the back plate, wherein at least one of the at least one suction hole and the at least one exhaust hole is formed in an interval portion between a bottom plate of the cavity and

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a plate on which the food is loaded, and the air introduced through the suction hole and exhausted through the at least one exhaust hole flows below the food loaded on the plate by a fan for cooling a plurality of electric components for radiating microwave into the electric component chamber.

23. (Canceled)

24. (Previously Presented) The microwave oven according to claim 22, wherein the exhaust guide forms a predetermined space between the exhaust guide and an outer surface of a sidewall of the cavity.

25. (Previously Presented) The microwave oven according to claim 22, further comprising:

a shaking preventing device provided at a predetermined portion on the exhaust guide and the cavity, respectively, to prevent the exhaust guide from shaking.

26. (Previously Presented) The microwave oven according to claim 25, wherein the shaking preventing device comprises at least one shaking preventing protrusion formed on the exhaust guide and at least one corresponding shaking preventing hole formed on a wall of the cavity.

27. (Previously Presented) The microwave oven according to claim 22, wherein the at least one exhaust passage hole inclines downwardly toward the outside.

28. (Previously Presented) The microwave oven according to claim 22, wherein the exhaust guide is attached to a sub-plate formed at a bottom of the cavity.

29. (Previously Presented) The microwave oven according to claim 22, further comprising a stirrer fan disposed at a connection passage of the at least one suction hole and the at least one exhaust hole.

30. (Previously Presented) The microwave oven according to claim 22, wherein at least one of the at least one suction hole or the at least one exhaust hole is formed at a lower side portion of the cavity.